

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	polymer with (roller with (brush\$3 or bristle\$1)) and (wafer or substrate or semiconduct\$4) and ("134".clas. or "15".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/06 09:38
L2	430	(roller with brush\$3) and (wafer or substrate or semiconduct\$4) and ("134".clas. or "15".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/06 09:39
L3	226	(roller with brush\$3) and (polymer\$2 or plastic) and (wafer or substrate or semiconduct\$4) and ("134".clas. or "15".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/06 09:40
L4	54	(roller with brush\$3) same (polymer\$2 or plastic) and (wafer or substrate or semiconduct\$4) and ("134".clas. or "15".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/06 09:40
L5	13	("5311634" "5441598" "5558563" "5609517" "5645469" "5766058" "5785584" "5870792" "5870793" "6070284" "6247197" "6299698").PN. OR ("6467120").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/06 09:41
L6	17	("1503217" "2394338" "3640029" "3659304" "5200571" "5311634" "5317778" "5379474" "5675856" "5725414" "5729856" "5870793" "5937469").PN. OR ("6299698").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/06 09:42
L7	25	("0338157" "0843222" "0892129" "1217803" "2394338" "2944278" "4027686" "4326553" "5350428" "5351360").PN. OR ("5937469").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/06 09:43
L8	22	("4795497" "5639311" "5693148" "5853522" "5868863" "5979740" "6004402" "6027573").PN. OR ("6182323").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/06 09:50
L9	1	("5036137").PN.	USPAT; USOCR	OR	OFF	2007/04/06 09:50

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L10	9	("3959242" "4097436" "4219591" "4425403" "4480072" "4489117").PN. OR ("5036137").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/06 09:50
L11	23	("3986997" "4079160" "4096315" "4127682" "4137365" "4150169" "4211823" "4225631" "4329378").PN. OR ("4425403").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/06 09:52
S1	48	("20020092544" "20020096191" "20030068317" "20030108879" "20050042455" "20050112616" "4381325" "6638143").PN"	US-PGPUB; USPAT	OR	OFF	2007/04/04 13:12
S2	6	S1 and (zeta with potential)	US-PGPUB; USPAT	OR	ON	2007/04/04 14:34
S3	1	("6638143").PN.	USPAT; USOCR	OR	OFF	2007/04/04 13:17
S4	1	("4381325").PN.	USPAT; USOCR	OR	OFF	2007/04/04 13:17
S5	0	(zeta with potential) and (polymer\$2 with (brush\$2 or bristle)) and (polyvinyl near2 alcohol near2 polymer) and (silane with coupling with agent) and (hydrophic and hydrophillic) and (oxidiz\$3 and reduc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 14:38
S6	1	(zeta with potential) and (polymer\$2 with (brush\$2 or bristle)) and (polyvinyl near2 alcohol near2 polymer) and (silane with coupling with agent) and (functional with groups)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 14:39
S7	1	(zeta with potential) and (polymer\$2 with (brush\$2 or bristle)) and (polyvinyl near2 alcohol near2 polymer) and (silane with coupling with agent) and (functional with group)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 14:39
S8	248373	(polymer\$2 with (brush\$2 or bristle)) and (polyvinyl near2 alcohol near2 polymer) and modified with surface (functional with group)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 14:40
S9	46	(polymer\$2 with (brush\$2 or bristle)) and (polyvinyl near2 alcohol near2 polymer) and modified with surface and (functional with group)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 14:41

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S10	27	(polymer\$2 with (brush\$2 or bristle)) and (polyvinyl near2 alcohol near2 polymer) and functionalized	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 14:42
S11	9	(polymer\$2 with (brush\$2 or bristle)) and (polyvinyl near2 alcohol near2 polymer) with functionalized	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 14:42
S12	15647	(polyvinyl near2 alcohol) and (brush\$3 or bristle\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 14:43
S13	1736	(polyvinyl near2 alcohol) same (brush\$3 or bristle\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 14:43
S14	26	((polyvinyl near2 alcohol) same (brush\$3 or bristle\$1)) and functionalized	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 14:44
S15	165	polymer with (brush\$3 or bristle\$1) and rotat\$3 and semiconduct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 14:45
S16	13	polymer with (brush\$3 or bristle\$1) and rotat\$3 and semiconduct\$4 and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 14:45
S17	24	polymer with (brush\$3 or bristle\$1) and rotat\$3 and semiconduct\$4 and ("134".clas. or "15".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 15:09
S18	12	("5144711" "5311634" "5442422").PN. OR ("5894622").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/04 14:48
S19	1198	(polymer\$2 with bristle\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 15:10

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S20	2738	(((polyvinyl near2 alcohol) or polymer\$2) with (microfiber or bristle\$1)) and (ligand or moiety\$4 or chain or backbone or carbon or silane or coupling or subchain or oxidiz\$3 or phosphate or reducing or reduction or nitrate or methyl or ammonia or hydrophobic or hydrophilic or benzotriazole or microfiber or (zeta near2 potential) or electrostatic\$4 or charge\$2 or (carboxylic near2 acid) or (amine) or (functional adj group) or functionalized)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 15:15
S21	544	(((polyvinyl near2 alcohol) or polymer\$2) with (microfiber or bristle\$1)).ab. and (ligand or moiety\$4 or chain or backbone or carbon or silane or coupling or subchain or oxidiz\$3 or phosphate or reducing or reduction or nitrate or methyl or ammonia or hydrophobic or hydrophilic or benzotriazole or microfiber or (zeta near2 potential) or electrostatic\$4 or charge\$2 or (carboxylic near2 acid) or (amine) or (functional adj group) or functionalized)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 15:16
S22	480	(((polyvinyl near2 alcohol) or polymer\$2) with (microfiber or bristle\$1)).ab. with (ligand or moiety\$4 or chain or backbone or carbon or silane or coupling or subchain or oxidiz\$3 or phosphate or reducing or reduction or nitrate or methyl or ammonia or hydrophobic or hydrophilic or benzotriazole or microfiber or (zeta near2 potential) or electrostatic\$4 or charge\$2 or (carboxylic near2 acid) or (amine) or (functional adj group) or functionalized)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 15:18

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S23	9	((polyvinyl near2 alcohol) or polymer\$2) with (bristle\$1)),ab. with (ligand or moiety\$4 or chain or backbone or carbon or silane or coupling or subchain or oxidiz\$3 or phosphate or reducing or reduction or nitrate or methyl or ammonia or hydrophobic or hydrophilic or benzotriazole or microfiber or (zeta near2 potential) or electrostatic\$4 or charge\$2 or (carboxylic near2 acid) or (amine) or (functional adj group) or functionalized)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 15:19
S24	93	((polyvinyl near2 alcohol) or polymer\$2) with (bristle\$1)) with (ligand or moiety\$4 or chain or backbone or carbon or silane or coupling or subchain or oxidiz\$3 or phosphate or reducing or reduction or nitrate or methyl or ammonia or hydrophobic or hydrophilic or benzotriazole or microfiber or (zeta near2 potential) or electrostatic\$4 or charge\$2 or (carboxylic near2 acid) or (amine) or (functional adj group) or functionalized)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 15:24
S25	2	((polyvinyl near2 alcohol) or polymer\$2) with (bristle\$1)) with (silane or (coupling near2 agent))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 15:25
S26	1257	(polyvinyl near2 alcohol) with (silane or (coupling near2 agent))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 15:26
S27	9	(polyvinyl near2 alcohol) with (silane or (coupling near2 agent)) and (zeta near2 potential)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 15:27
S28	521	(polyvinyl near2 alcohol) with (silane or (coupling near2 agent)) and ((functional near2 group) or functionalized or ligand or moiety)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 16:29

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S29	18	(polymer) with (silane or (coupling near2 agent)) and ((functional near2 group) or functionalized or ligand or moiety) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 15:36
S30	4507	(polymer) with (silane or (coupling near2 agent)) and ((functional near2 group) or functionalized or ligand or moiety) and (brush\$3 or clean\$3 or scrub\$4 or bristle\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 15:40
S31	3136	(polymer) with (silane or (coupling near2 agent)) and ((functional near2 group) and functionalized or ligand or moiety) and (brush\$3 or clean\$3 or scrub\$4 or bristle\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 15:39
S32	12	(polymer) with (silane or (coupling near2 agent)) and ((functional near2 group) and functionalized or ligand or moiety) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 15:38
S33	3266	(polymer) with (silane or (coupling near2 agent)) and (functionalized or ligand or moiety) and (brush\$3 or clean\$3 or scrub\$4 or bristle\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 15:40
S34	2655	(polymer) with (silane) and (functionalized or ligand or moiety) and (brush\$3 or clean\$3 or scrub\$4 or bristle\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 15:40
S35	451	(polymer) with (silane) with (functionalized or ligand or moiety) and (brush\$3 or clean\$3 or scrub\$4 or bristle\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 15:45
S36	2	(polymer) with (silane) with (functionalized or ligand or moiety) with (brush\$3 or clean\$3 or scrub\$4 or bristle\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 15:41
S37	25	(polymer) with (silane near3 coupling) with (functionalized or ligand or moiety) and (brush\$3 or clean\$3 or scrub\$4 or bristle\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 15:46
S38	479	(polymer) with (silane near3 coupling) with (functionalized or ligand or moiety or functional)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 15:46

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S39	21	(polymer) with (silane near3 coupling) with (functionalized or ligand or moiety or functional) and zeta	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 15:47
S40	58	(polymer) with (silane near3 coupling) with (functionalized or ligand or moiety or functional) and sulfonate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 15:47
S41	701	(polyvinyl adj alcohol) near2 silan\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 16:29
S42	138	((polyvinyl adj alcohol) near2 silan\$4).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 16:32
S43	203	((polyvinyl adj alcohol) near2 silan\$4) with ((functional group) or functionalized)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 16:33
S44	39	((polyvinyl adj alcohol) near2 (silane or silanized)) with ((functional group) or functionalized)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 16:47
S45	0	((polyvinyl adj alcohol) near2 siloxane) with (functional adj group)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 16:47
S46	56	((polyvinyl adj alcohol) near2 siloxane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 16:49
S47	257	(polyvinyl adj alcohol) near4 (functional adj group)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 16:50
S48	2	(polyvinyl adj alcohol) near4 (functional adj group) and zeta	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 16:50

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S49	2	((polyvinyl adj alcohol) near4 (functional adj group)) and zeta	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 16:50
S50	2	(polyvinyl adj alcohol) near4 (functional adj group) and (hydrophillic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 16:51
S51	257	(polyvinyl adj alcohol) near4 (functional adj group)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 16:52
S52	0	(polyvinyl adj alcohol) near4 (functional adj group) and "134". clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 16:51
S53	2206	(polymer\$2) with (functional adj group) with (silane or siloxane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 16:53
S54	1	((polymer\$2) with (functional adj group) with (silane or siloxane)) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 16:58
S55	7	("4347266" "4902538" "5925607" "6183872" "6262006" "6478880" "6964941").PN. OR ("7186300"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/04 16:54
S56	17	("5081192" "5763061").PN. OR ("6183872").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/04 16:54
S57	2206	((polymer\$2) with (functional adj group) with (silane or siloxane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 16:59
S58	202	((polymer\$2) with (functional adj group) with (silane or siloxane)) and brush	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 17:06

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S59	4	((plastic) with (functional adj group) with (silane or siloxane)) and brush	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 17:06
S60	119	((plastic) with (functional adj group)) and cleaning	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 17:07
S61	0	((plastic) with (functional adj group)) and cleaning and "134". clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 17:07
S62	0	((plastic or polymer) with (functionalized near monolayer)) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 17:08
S63	18	((plastic or polymer) with (functionalized near monolayer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 17:08
S64	98	((plastic or polymer) with (functionalized with monolayer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 17:33
S65	4	("20020062849" "4690560" "5331 177" "5586567").PN.	US-PGPUB; USPAT	OR	ON	2007/04/04 17:53
S66	225	(ion adj exchange adj resin) with (polyvinyl adj alcohol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 10:50
S67	50	(ion adj exchange adj resin) with (polyvinyl adj alcohol) and (silane or (coupling agent)) and (functional adj group)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 10:53
S68	21636	(polyvinyl adj alcohol) and (silane or (coupling agent)) and (functional adj group)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 10:53

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S69	20232	(polyvinyl adj alcohol) and polymer and (silane or (coupling agent)) and (functional adj group)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 10:54
S70	913	(polyvinyl adj alcohol) and polymer and (silane or (coupling agent)) and (zeta near2 potential)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 10:54
S71	148	(polyvinyl adj alcohol) and polymer and (silane or (coupling agent)) and (zeta near2 potential) and brush	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 10:54
S72	11	("5311634").PN. OR ("6033486").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 10:55
S73	19	("4208760" "4630407" "4827676" "5088240" "5099615" "5486134" "5490809" "5645471" "5725414" "5795401" "5921848" "6033486" "6328640" "6331213" "6368192" "6423149").PN. OR ("6616516").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 10:56
S74	8	("5693148" "5806126" "6033486" "6070284" "6167583" "6247197" "6324715" "6345404").PN. OR ("6523210").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 11:01
S75	943	((polyvinyl adj alcohol) or (PVA)) near3 (brush\$2 or sponge)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/05 11:02
S76	1032	((polyvinyl adj alcohol) or (PVA)) near4 (brush\$2 or sponge)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/05 11:02
S77	471	((polyvinyl adj alcohol) or (PVA)) near4 (brush\$2 or sponge) and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/05 11:02
S78	28	((polyvinyl adj alcohol) or (PVA)) near4 (brush\$2 or sponge) and semiconductor and silane	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/05 11:03

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S79	20	((polyvinyl adj alcohol) or (PVA)) near4 (brush\$2 or sponge) and semiconductor and ((functional adj group) or ligand or moiety)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/05 11:04
S80	60	((polyvinyl adj alcohol) or (PVA)) near4 (brush\$2 or sponge) and (zeta near2 potential)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/05 11:04
S81	61	((polyvinyl adj alcohol) or (PVA)) near4 (brush\$2 or sponge) and (zeta near2 potential)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 11:07
S82	1	(functionalized with surface with polymer\$2) near4 (brush\$2 or sponge) and (zeta near2 potential)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 11:07
S83	1	(functionalized with surface with polymer\$2) near4 (brush\$2 or sponge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 11:09
S84	214	(silane same (polyvinyl adj alcohol)) and (surface near2 charge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 11:14
S85	481	((coupling near2 agent) or silane) same (polyvinyl adj alcohol) and (hydrolysis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 11:17
S86	33	("4680201" "4690749" "5181999" "5185466" "5192406" "5221447" "5228960" "5264101" "5296114" "5302272" "5308580" "5310462" "5312535" "5314593" "5318680" "5318686" "5322608" "5324401" "5324412" "5324413" "5326445" "5328578" "5332480" "5348658" "5364520" "5369717" "5605613" "5840388" "RE34757").PN. OR ("6372353"). URP.N.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 11:15

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S87	36	("4680201" "4690749" "5114468" "5181999" "5185466" "5192406" "5221447" "5228960" "5264101" "5282941" "5296114" "5302272" "5308580" "5310462" "5312535" "5314593" "5318680" "5318686" "5322608" "5324401" "5324412" "5324413" "5326445" "5328578" "5332480" "5348658" "5364520" "5369717" "5370777" "5447617" "Re34757").PN. OR ("5840388"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 11:16
S88	286	(((coupling near2 agent) or silane) with (polyvinyl adj alcohol)) and (hydrolysis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 11:19
S89	284	(((coupling near2 agent) or silane) with (polyvinyl adj alcohol)) and ((zeta near2 potential) or hydrophillic or hydrophobic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 11:39
S90	12	silylation with (polyvinyl adj alcohol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 11:45
S91	118	silane with modified with (polyvinyl adj alcohol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 11:40
S92	298	silylation with (polymer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 11:48
S93	1748	(silane or silylation) with (polymer) and backbone and (functional near2 group)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 11:51

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S94	23	(silane or silylation) with (polymer) and backbone and (functional near2 group) and hydrophilic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 11:49
S95	683	(silane or silylation) with (polymer) and backbone and (functional near2 group) and hydrophilic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 11:49
S96	15005	S94 and S95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 11:49
S97	20	S94 and S95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 11:50
S98	686	S94 or S95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 11:50
S99	801	(silane or silylation) with (polymer) and backbone and (functional near2 group) and terminated	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 11:51
S10 0	749	(silane or silylation) with (polymer) and backbone and (functional near2 group) and terminated and (amino or sulfonate or amine or nitrate or ammonium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 11:52
S10 1	576	(silane or silylation) with (polymer) and backbone and (functional near2 group) and terminated and (amino or sulfonate or amine or nitrate or ammonium) and modified	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 11:58
S10 2	33	(silane or silylation) with (polymer) and backbone and (functional near2 group) and terminated and (amino or sulfonate or amine or nitrate or ammonium) and modified and ((surface near2 charge) or (zeta near2 potential))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 11:53

EAST Search History

S10 3	0	("7040756").URPN.	USPAT	OR	OFF	2007/04/05 11:55
S10 4	33	("20010031744" "20020128161" "20020165215" "20020190759" "20020197304" "20030083383" "4168112" "4321261" "4876126" "4941997" "4973429" "5068318" "5409731" "5518767" "5529727" "5536573" "6011082" "6013106" "6050980" "6087415" "6197295" "6248127" "6297169" "6316057" "6340746" "6350777" "6368643" "6407083" "6423744" "6440464" "6482311" "6495653" "6525040").PN. OR ("7040756"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 11:56
S10 5	213	(silane or silylation) with (polymer) and (self with assembled with monolayer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 12:02
S10 6	4	(silane or silylation) with (polyvinyl adj alcohol) and (self with assembled with monolayer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 11:58
S10 7	12431	functional\$8 with polymer\$2 with surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 12:02
S10 8	3277	functional\$8 with polymer\$2 with surface and silane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 12:05
S10 9	55	functional\$8 with polymer\$2 with surface and silane and (zeta near2 potential)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 13:38
S11 0	1	("20020077035").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 13:38

EAST Search History

S11 1	1	polymer with (brush\$3 or bristle\$1) and "134".clas. and (reducing near agent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 14:20
S11 2	4	polymer with (brush\$3 or bristle\$1 or sponge) and "134".clas. and (nitrate with (ligand or moiety or (functional near2 group) or functionalized or terminated or reduc\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 14:23
S11 3	4	polymer\$2 with (brush\$3 or bristle\$1 or sponge) and "134".clas. and (nitrate with (ligand or moiety or (functional near2 group) or functionalized or terminated or reduc\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 14:22
S11 4	0	polymer with (brush\$3 or bristle\$1 or sponge) and "134".clas. and ((carbon near2 subchain) with (ligand or moiety or (functional near2 group) or functionalized or terminated or reduc\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 14:27
S11 5	0	surface with functionalized with (roller adj brushe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 14:26
S11 6	0	surface with functionalized with (roller adj brush)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 14:27
S11 7	0	(functional adj group) with (roller adj brush)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 14:27
S11 8	6	polymer with (brush\$3 or bristle\$1 or sponge) and "134".clas. and (reduc\$4 or oxid\$5) with (ligand or moiety or (functional near2 group) or functionalized or terminated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 14:30
S11 9	833	polymer with (brush\$3 or bristle\$1 or sponge) and (reduc\$4 or oxid\$5) with (ligand or moiety or (functional near2 group) or functionalized or terminated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 14:28

EAST Search History

S12 0	1	polymer with (brush\$3 or bristle\$1 or sponge) and "134".clas. and (phosphate) with (ligand or moiety or (functional near2 group) or functionalized or terminated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 14:30
S12 1	170	polymer with (brush\$3 or bristle\$1 or sponge) and (phosphate) with (ligand or moiety or (functional near2 group) or functionalized or terminated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 14:31
S12 2	74	polymer with (brush\$3 or bristle\$1 or sponge) and (phosphate) near5(ligand or moiety or (functional near2 group) or functionalized or terminated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 14:31
S12 3	74	polymer with (brush\$3 or bristle\$1 or sponge) and (phosphate) near5 (ligand or moiety or (functional near2 group) or functionalized or terminated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 14:43
S12 4	52	polymer with (brush\$3 or bristle\$1 or sponge) and (hydrolysis) near5 (ligand or moiety or (functional near2 group) or functionalized or terminated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 14:48
S12 5	143	polymer with (brush\$3 or bristle\$1 or sponge) and (silane) near5 (ligand or moiety or (functional near2 group) or functionalized or terminated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 14:53
S12 6	9	polymer with (brush\$3 or bristle\$1 or sponge) same (functional\$4 near2 silane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 14:54
S12 7	104	polymer with (brush\$3 or bristle\$1 or sponge) and (functional\$4 near2 silane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 14:54
S12 8	4	polymer with (brush\$3 or bristle\$1 or sponge) with (functional\$4 near2 silane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 14:55
S12 9	1474	polymer with (functional\$4 near2 silane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 14:55

EAST Search History

S13 0	98	(polymer\$2 or (polyvinyl adj alcohol)) with (functional\$4 near2 silane) same (phosphate or nitrate or hydrophobic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 15:14
S13 1	197	(polymer\$2 or (polyvinyl adj alcohol)) with (functional\$4 near2 silane) same (phosphate or nitrate or hydrophobic or hydrolysis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 14:56
S13 2	5	("4499149" "5177156" "5332801" "5747626" "6100367").PN. OR ("6380307").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 15:09
S13 3	12	polymer\$2 with silane with (brush or bristle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 15:59
S13 4	24	hydrophobic and polymer\$2 with (brush or bristle or sponge) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:04
S13 5	2709	hydrophobic and polymer\$2 with (brush or bristle or sponge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:04
S13 6	207	hydrophobic and polymer\$2 with (brush or bristle or sponge) and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:06
S13 7	59	hydrophobic and polymer\$2 with (brush or bristle or sponge) and semiconductor and hydrolysis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:08
S13 8	15	(polymer near3 bristle) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:42
S13 9	325	(polymer near3 bristle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:11

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S14 0	6	(polymer near3 bristle) and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:12
S14 1	43	(plastic near3 bristle) and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:12
S14 2	6	(polymer\$2 near2 brush\$2) and semiconductor and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:38
S14 3	32	polymer with (brush or pad or scrubber or sponge) and hydrophobic and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:43
S14 4	95	polymer with (brush or pad or scrubber or sponge) and (semiconductor or substrate or wafer) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:55
S14 5	2	polymer with (brush or pad or scrubber or sponge) and (semiconductor or substrate or wafer) and "134".clas. and ((ion or cation or anion) with exchange with (resin or polymer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:46
S14 6	5637	polymer with (ion adj exchange adj resin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:55
S14 7	1476	polymer with (ion adj exchange adj resin) and hydrophobic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:55
S14 8	730	polymer with (ion adj exchange adj resin) with hydrophobic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:55

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S14 9	418	polymer with (ion adj exchange adj resin) with hydrophobic and (brush or bristle or scrub\$4 or clean\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:56
S15 0	1	polymer with (ion adj exchange adj resin) with hydrophobic and (brush or bristle or scrub\$4 or clean\$3).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:57
S15 1	1	polymer with (ion adj exchange adj resin).ab. with hydrophobic and (brush or bristle or scrub\$4 or clean\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:57
S15 2	0	polymer with (ion adj exchange adj resin) with hydrophobic and (brush or bristle or scrub\$4 or clean\$3) and semiconduct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:57
S15 3	9	(ion adj exchange adj resin) with hydrophobic and (brush or bristle or scrub\$4 or clean\$3) and semiconduct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:58
S15 4	0	(PVA adj sponge) with hydrophobic and (brush or bristle or scrub\$4 or clean\$3) and semiconduct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:58
S15 5	0	(PVA adj sponge) with hydrophobic and semiconduct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 17:01
S15 6	6	PVA with hydrophobic and semiconduct\$3 and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:59
S15 7	3596	(pva or (polyvinyl adj alcohol) or polymer) with hydrophobic and semiconduct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 17:01
S15 8	29	(pva or (polyvinyl adj alcohol) or polymer) with hydrophobic and semiconduct\$3 and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 17:01

EAST Search History

S15 9	10	("5882433" "6074935" "6152148" "6277203").PN. OR ("6468362").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 17:03
S16 0	1	(polymer near2 brush\$2) with semiconduct\$3 and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 17:48
S16 1	272	(15/398).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 17:19
S16 2	2	("5126400").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 17:19
S16 3	3	(polymer near2 brush\$2) with hydrophobic near2 surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 17:49
S16 4	1	((polyvinyl alcohol) near2 brush\$2) with hydrophobic near2 surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 18:03
S16 5	1	("5036137").PN.	USPAT; USOCR	OR	OFF	2007/04/05 18:03
S16 6	9	("3959242" "4097436" "4219591" "4425403" "4480072" "4489117").PN. OR ("5036137").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 18:06
S16 7	11101	(polyvinyl adj alcohol).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 18:06
S16 8	11202	(polyvinyl adj alcohol).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 18:07
S16 9	191	(polyvinyl adj alcohol).ti. and hydrophobic.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 18:07

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S17 0	5	(polyvinyl adj alcohol).ti. and hydrophobic.ab. and silane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 18:10
S17 1	0	covalent\$3 with films with polymer with hydrophobic with brush	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 18:10
S17 2	5346	polymer\$2 near2 (brush\$3 or scrub\$4 or clean\$4 or bristle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 18:11
S17 3	160	(polymer\$2 near2 (brush\$3 or scrub\$4 or clean\$4 or bristle)) and increas\$4 with hydrophobi\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 18:11